

Best Available Copy

DAVIDSON BERQUIST

Fax: 7038946430

Sep 27 2007 12:12

P.09

Application of: Colin N.B. COOK et al.
Serial No.: 10/792,286
Filed: March 4, 2004
Reply to Office Action of June 27, 2007

REMARKS/ARGUMENTS

Favorable reconsideration of this application, in view of the present amendment and in light of the following discussions, is respectfully requested.

Claims 1, 2 and 12-15 are currently pending in the application. Claims 3-11 have been canceled and claim 1 has been amended herewith. The changes to claim 1 are supported by the originally filed specification and do not introduce any new matter. For example, claims 3 and 4 support testing for the support of USB-based HIDs. Moreover, paragraphs [0035] and [0036] support absolute positioning using a USB protocol. In addition, new claims 12-15 are supported by the originally filed specification as well. For example, claim 12 is supported by Figure 2 and its description in paragraph [0020]. Claims 13 and 14 are supported by paragraph [0032] describing buffering and timing emulation. Claim 15 is supported by paragraph [0038].

In the outstanding Office Action, Claims 1-6 and 9-11 were rejected under 35 U.S.C. § 102(b) as anticipated by U.S. Publication No. 2002/0038334 (hereinafter “the ‘334 publication”); and Claims 7-8 were rejected under 35 U.S.C. § 103(a) as unpatentable over the ‘334 publication in view of U.S. Publication No. 2002/0129353 (hereinafter “the ‘353 publication”). In addition, claim 11 was objected to, but that objection is rendered moot by the cancellation of claim 11. The objections to the specification have also been addressed rendering moot those objections.

In response to the rejection of claims 1-6 and 9-11, amended claim 1 and its dependent claims are patentably distinguishing over the applied reference. However, due to the amendments to claim 1, that rejection will be addressed with respect to the arguments set forth in the office action with respect to claim 3. Claim 1 now recites “utilizing a universal serial bus (USB) protocol to provide absolute movement of the mouse cursor on a host computer to an absolute position other than the origin if the operating system supports the use of a USB-based human interface descriptor (HID)

Application of: Colin N.B. COOK et al.
Serial No.: 10/792,286
Filed: March 4, 2004
Reply to Office Action of June 27, 2007

using absolute movement of the mouse cursor to an absolute position other than the origin." The '334 publication does not disclose such a feature. In the '334 publication, cursor of the target computer is moved using a series of relative mouse movements that are designed to push the mouse to the origin. Paragraph [0087] of the '334 publication states the "cursor of the target computer [is set] to a known location ... by sending to the target computer a series of mouse commands" such that "the cursor [is driven] to the upper left hand-corner (the 0,0 corner), no matter where the cursor was prior the series of commands." After driving the mouse to the origin, "The original cursor is then forced back down to be aligned with the cross-hairs." As would be appreciated by one of ordinary skill in the art, if the series of mouse commands were small, relative movements, then the system would need to send a large number of commands to get the mouse to the upper left hand-corner, and then an additional number of commands would have to be sent to get the cursor to the point that it where the two cursors are to synchronize.

By contrast, the present invention utilizes absolute position (e.g., move to coordinates x543, y234) such that the process of driving to the origin and then back is not necessary. In fact, paragraph [0035] of the specification references the elimination of "rather complex sets of algorithms, which may be otherwise required to make up for lost messages and signals."

Accordingly, the applied references do not teach all of the limitations of independent claim 1, and claim 1 and its dependent claims are patentable over the applied references. Thus, the pending claims are in condition for allowance. An early and favorable action to that effect is respectfully requested.

Best Available Copy

DAVIDSON BERQUIST

Fax: 7038946430

Sep 27 2007 12:12

P.11

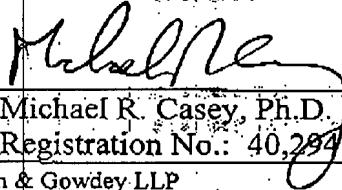
Application of: Colin N.B. COOK et al.
Serial No.: 10/792,286
Filed: March 4, 2004
Reply to Office Action of June 27, 2007

Should the Examiner believe that a personal interview would help resolve any outstanding issues in this application, the Examiner is respectfully requested to telephone the undersigned at the number provided to arrange such an interview.

CHARGE STATEMENT: Deposit Account No. 501860, order no. 2540-0707

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Accounting/ Order Nos. shown above, for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

CUSTOMER NUMBER 42624	Respectfully submitted, By:  Michael R. Casey, Ph.D. Registration No.: 40,294
Davidson Berquist Jackson & Gowdey LLP 4300 Wilson Blvd., 7th Floor, Arlington, Virginia 22203 Main: (703) 894-6400 • FAX: (703) 894-6430	

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.